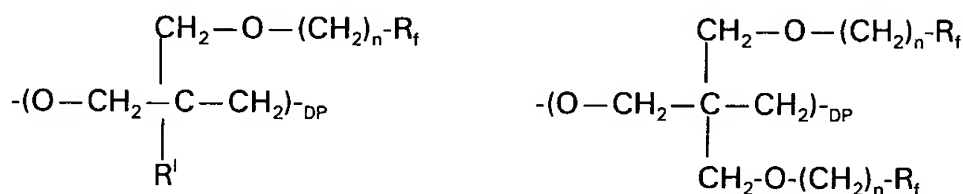


AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A polymeric composition comprising:
at least one polyoxetane block connected to at least one hydrocarbon
block,

said polyoxetane block having repeat units of the formula



where R¹ is hydrogen or an alkyl having from 1 to 6 carbon atoms, n, independently, is from 1 to 6, DP is from about 2 to about 100, and wherein

R_f is (a) the same for each said DP repeat unit and is a fluorinated aliphatic having from 1 to about 20 carbon atoms, or

(b) at least two different fluorinated aliphatics with respect to said individual DP repeat units and, independently, has from about 2 to about 30 carbon atoms, and

wherein said (a) and said (b) R_f, independently, has at least 50 percent of the hydrogen atoms of said aliphatic replaced by a fluorine atom; ~~and~~

optionally, said polyoxetane block also having at least one repeat unit derived from a comonomer containing an epoxy (oxirane) functionality, a monomer having a 4-membered cyclic ether group, a monomer having a 5-membered cyclic

ether group, 1,4-dioxane, 1,3-dioxane, 1,3-dioxalane, trioxane, or caprolactone, or combinations thereof,

said at least one hydrocarbon block comprising

an olefin polymer or copolymer derived from at least one olefin monomer having from 2 to about 8 carbon atoms; or

a hydrogenated diene polymer or copolymer derived from at least one conjugated diene monomer having from 4 to about 10 carbon atoms.

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2. (Original) A polymeric composition according to claim 1, wherein when said R_f is different, said different R_f groups, independently, is an alkyl having from 4 to 24 carbon atoms, wherein when said R_f is the same said R_f is an alkyl having from 3 to about 15 carbon atoms, and wherein said R_f groups, independently, contain at least 75 percent of the alkyl hydrogen atoms replaced by a fluorine atom.

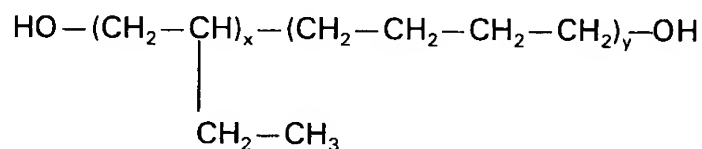
3. (Original) A polymeric composition according to claim 2, wherein n , independently, is from 1 to about 4, wherein DP is from about 3 to about 50, wherein said olefin block polymer or copolymer has a number average molecular weight of from about 200 to about 4,000, and wherein said hydrogenated diene block polymer or copolymer has a number average molecular weight of from about 500 to about 15,000.

4. (Original) A polymeric composition according to claim 3, wherein said R_f groups, independently, contain at least 90 percent of the hydrogen atoms replaced by a fluorine atom, and wherein said olefin block polymer or copolymer is derived from olefin monomers having 2 or 3 carbon atoms.

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5. (Original) A polymeric composition according to claim 4, wherein n , independently, is 1 or 2, wherein R^I is hydrogen or methyl, and wherein said R_f is different, independently, the number of carbon atoms therein is from about 6 to about 20.

6. (Original) A polymeric composition according to claim 5, wherein said DP is from about 3 or about 4 to about 10 or about 20, wherein said hydrocarbon block connected to said polyoxetane block is said hydrogenated diene block polymer or copolymer, and wherein said conjugated diene polymer or copolymer has a number average molecular weight of from about 1,000 to about 8,000.

7. (Currently Amended) A polymeric composition according to claim 6, wherein said hydrogenated butadiene block copolymer has the structure



wherein the ratio of said x group to said y groups is from about 0.10 to about 10, including said at least one optional repeat unit and wherein said repeat unit is derived from tetrahydrofuran.

8. (Original) A polymeric composition according to claim 7, wherein said R_f is perfluorinated.

9. (Original) A polymeric composition comprising a blend of a polyolefin and the composition of claim 1.

10. (Original) A polymeric composition comprising a blend of a polyolefin and the composition of claim 3, wherein said polyolefin is derived from one or more olefin monomers having from 2 to 6 carbon atoms.

11. (Original) A polymeric composition comprising a blend of a polyolefin and from about 0.1 to about 10 parts by weight per 100 parts by weight of the composition of claim 5, and wherein said polyolefin is derived from an olefin monomer having 2 or 3 carbon atoms, or combinations thereof.

12. (Original) A polymeric composition comprising a blend of a polyolefin and from about 0.5 to about 3.0 parts by weight per 100 parts by weight of the composition of claim 7, and wherein said polyolefin is derived from an olefin monomer having 2 or 3 carbon atoms, or combinations thereof.

13. (Original) A fiber comprising a blend of a polyolefin and the composition of claim 1.

14. (Original) A fiber comprising a blend of a polyolefin and the composition of claim 3, wherein said polyolefin is derived from one or more olefin monomers having from 2 to 6 carbon atoms.

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15. (Original) A fiber comprising a blend of a polyolefin and from about 0.1 to about 10 parts by weight per 100 parts by weight of the composition of claim 5, and wherein said polyolefin is derived from an olefin monomer having 2 or 3 carbon atoms, or combinations thereof.

16. (Original) A fiber comprising a blend of a polyolefin and from about 0.5 to about 3.0 parts by weight per 100 parts by weight of the composition of claim 7, and wherein said polyolefin is derived from an olefin monomer having 2 or 3 carbon atoms, or combinations thereof.

17. (Original) A fabric comprising a fiber of claim 13.

18. (Original) A fabric comprising a fiber of claim 14.

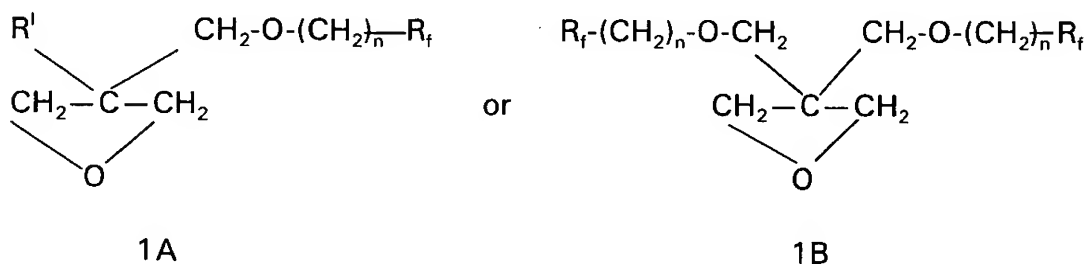
19. (Original) A fabric comprising a fiber of claim 15.

20. (Original) A fabric comprising a fiber of claim 16.

Claims 21 – 34 (Withdrawn)

35. (Original) A fluorine-containing block copolymer composition, comprising:

the reaction product of a plurality of oxetane monomers having the formula



where R^1 is hydrogen or an alkyl having from 1 to 6 carbon atoms, n , independently, is from 1 to 6, and wherein

R_f is a) the same for each monomer of Formula 1A or Formula 1B and is a fluorinated aliphatic having from 1 to about 20 carbon atoms, or

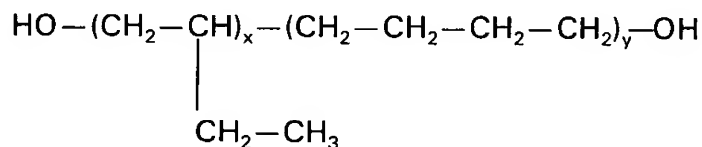
b) at least two different fluorinated aliphatics having said Formula 1A or Formula 1B and, independently, has from about 2 to about 30 carbon atoms,

with a mono or polyhydroxyl terminated hydrocarbon polymer comprising:
an olefin polymer or copolymer derived from at least one olefin monomer having from 2 to about 8 carbon atoms; or a hydrogenated diene polymer or copolymer derived from at least one conjugated diene monomer having from 4 to about 10 carbon atoms.

36. (Original) A fluorine-containing block copolymer composition according to claim 35, wherein when said R_f is different said different R_f groups, independently, is an alkyl having from 4 to 24 carbon atoms, wherein when said R_f is the same said same R_f is an alkyl having from 3 to about 15 carbon atoms, and wherein said R_f , independently, contain at least 75 percent of said alkyl hydrogen atoms replaced by a fluorine atom.

Al 37. (Original) A fluorine-containing block copolymer composition according to claim 36, wherein at least 75 percent of the hydrogen atoms of said R_f alkyl group is replaced by a fluorine atom.

38. (Original) A fluorine-containing block copolymer composition according to claim 37, wherein n , independently, is 1 or 2, wherein R' is hydrogen or methyl, and wherein when said R_f is different, independently, the number of carbon atoms therein is from about 6 to about 20, and wherein said hydrogen carbon polymer is said hydrogenated butadiene block copolymer and has the structure



wherein the ratio of said x group to said y groups is from about 0.10 to about 10.

39. (Original) A fluorine-containing block copolymer composition according to claim 38, wherein said reaction product is a diblock or a triblock copolymer, wherein said hydrogenated diene block copolymer has a number average molecular weight of from about 1,000 to about 8,000.

40. (Original) A fluorine-containing block copolymer composition according to claim 39, wherein said R_f is perfluorinated, and wherein x of said hydrogenated butadiene block copolymer is about 2 and wherein said y is about 8.

Claims 41 - 43 (Withdrawn)
